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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/785,511

02/16/2001

Shoji Hinata

9319S-000190

5367

27572

7590

05/20/2004

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EXAMINER

PARKER, KENNETH

ART UNIT

PAPER NUMBER

2871

DATE MAILED: 05/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Applicati n N .

09/785,511

Applicant(s)

HINATA, SHOJI

Examiner

Kenneth A Parker

Art Unit

2871

-- The MAILING DATE of this communication appears on the cover sheet with the c rrespondence address --

## Peri d f r Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 26 February 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-8, 13, 14 and 36-38 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 1-8, 13 and 14 is/are allowed.
- 6) ☒ Claim(s) 36-38 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 1/29/2004

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Claims 36-38 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

What would constitute a "similar" shape cannot be determined.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Satoh et al 5107355.

The cover figure of the reference shows a plurality of display electrodes including a laminated structure of a transparent conductive layer and a metal layer, the metal layer having an electrical resistance lower than that of the transparent conductive layer; the metal layer running along an edge portion of the transparent conductive layer, and

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being narrower in width than the transparent conductive layer; and a plurality of wirings for applying the plurality of display electrodes with a voltage, the plurality of wirings including the laminated structure the same as that of the display electrodes, wherein the transparent conductive layer of the wirings and the metal layer of the wirings are similar in shape (in view of the rejection under 112 above, the electrodes appear to have a similar shape.) and the metal layer is formed continuously from the display electrode to the wiring. The reference also shows a plurality of terminals electrically connected to the corresponding display electrodes, wherein the metal layer in the display electrodes runs along a terminal side of an edge portion of the display electrodes, and a counter substrate opposed to the display device substrate; and a liquid crystal layer encapsulated between the display device substrate and the counter substrate.

. Therefore, these claims are anticipated by the reference.

Claims are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Yamanaka et al 4859036.

The cover figure of the reference shows a plurality of display electrodes including a laminated structure of a transparent conductive layer and a metal layer, the metal layer having an electrical resistance lower than that of the transparent conductive layer; the metal layer running along an edge portion of the transparent conductive layer, and being narrower in width than the transparent conductive layer; and a plurality of wirings for applying the plurality of display electrodes with a voltage, the plurality of wirings including the laminated structure the same as that of the display electrodes, wherein the transparent conductive layer of the wirings and the metal layer of the wirings are similar

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in shape (in view of the rejection under 112 above, the electrodes appear to have a similar shape.) and the metal layer is formed continuously from the display electrode to the wiring. The reference also shows a plurality of terminals electrically connected to the corresponding display electrodes, wherein the metal layer in the display electrodes runs along a terminal side of an edge portion of the display electrodes, and a counter substrate opposed to the display device substrate; and a liquid crystal layer encapsulated between the display device substrate and the counter substrate.

. Therefore, these claims are anticipated by the reference.

Claims are rejected under 35 U.S.C. 102(b) as being clearly anticipated by Coissard 4689116.

The cover figure of the reference shows a plurality of display electrodes including a laminated structure of a transparent conductive layer and a metal layer, the metal layer having an electrical resistance lower than that of the transparent conductive layer; the metal layer running along an edge portion of the transparent conductive layer, and being narrower in width than the transparent conductive layer; and a plurality of wirings for applying the plurality of display electrodes with a voltage, the plurality of wirings including the laminated structure the same as that of the display electrodes, wherein the transparent conductive layer of the wirings and the metal layer of the wirings are similar in shape (in view of the rejection under 112 above, the electrodes appear to have a similar shape.) and the metal layer is formed continuously from the display electrode to the wiring. The reference also shows a plurality of terminals electrically connected to the corresponding display electrodes, wherein the metal layer in the display electrodes

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runs along a terminal side of an edge portion of the display electrodes, and a counter substrate opposed to the display device substrate; and a liquid crystal layer encapsulated between the display device substrate and the counter substrate.

Therefore, these claims are anticipated by the reference.

***Allowable Subject Matter***

Claims 1- allowed.

***Election/Restrictions***

Due to a determination of allowability of all pending groups, the restriction has been dropped.

***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

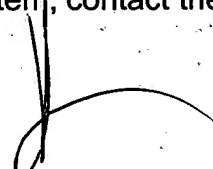
A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth A Parker whose telephone number is 571-272-2298. The examiner can normally be reached on M-F 10:30-6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert H. Kim can be reached on 571-272-2293. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kenneth A Parker  
Primary Examiner  
Art Unit 2871